IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Fuller

Serial No.:

10/620,569

ling Date:

July 16, 2003

Group Art Unit:

2124

For:

A Square Root Method For Computationally Efficient Model

Predictive Control

INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR 1.97(e)

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

PTO form 1449 is submitted herewith pursuant to the provisions of 37 CFR 1.97

and 1.98(a) as a means of complying with the requirements of 37 CFR 1.56 with respect to the

above identified application. In accordance with Patent Office guidelines, copies of the citations

listed on PTO 1449 are enclosed. None of these references discloses the invention claimed in

the subject application. Also enclosed is the Search Report.

Pursuant to 37 C.F.R. 1.97(e)(1), each item of information contained in the

Information Disclosure Statement was first cited in any communication from a foreign Patent

Office in a counterpart foreign application not more than three (3) months prior to the filing of

this Information Disclosure Statement. Applicant respectfully requests the Examiner to

consider the enclosed references on PTO-1449 submitted herewith.

Should there be a fee associated with this document, please charge it to Deposit

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Respectfully submitted

John E. Carlson

Registration No. 37,794

ĆARLSON, GASKEY & OLDS, P.C.

400 W. Maple, Suite 350

Birmingham, MI 48009

(248) 988-8360

CERTIFICATE OF FIRST CLASS MAILING

I hereby certify that the attached Supplemental IDS, References Cited, Form PTO-1449 and Search Report are being deposited with the U.S. Postal Service as First Class Mailing, postage prepaid, in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on September 14, 2004. Patering

Lesley Upton

PTO/SB/08A (08-03)

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Substitute for form 1449/PTO

Sheet 1

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

of 2

Complete if Known				
Application Number	10/620,569			
Filing Date	July 16, 2003			
First Named Inventor	Fuller			
Art Unit	2124			
Examiner Name				
Attorney Docket Number	67,097-006/EH-10871			

			U. S. PATENT	DOCUMENTS	
Examiner , Initials*	Cite No. <sup>1</sup>	Document Number  Number-Kind Code <sup>2 (f known)</sup>	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
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		FORE	<b>IGN PATENT DOCU</b>	JMENTS		
Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)	MM-DD-YYYY		Or Relevant Figures Appear	Ľ
		WO 01/79945A1	10/25/2001	ABB Automation Inc.		
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This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Approved for use through 10/31/2002. OMB 0551-0031 U. S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Complete if Known

**INFORMATION DISCLOSURE** STATEMENT BY APPLICANT

10/620,569 **Application Number Filing Date** July 16, 2003 Fuller **First Named Inventor** 2124 Group Art Unit **Examiner Name** 

(use as many sheets as necessary) of 2 Attorney Docket Number 67.097-006/EH-10871 Sheet

Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
		ROTHBERG E ET AL.: "Techniques for improving the performance of sparse matrix factorization on multiprocessor workstations", Proceedings of the supercomputing conference.  New York Nov. 12-16, 1990. Washington, IEEE comp. Soc. Press. US. Vol. Conf. 3.	
		12 November 1990 (1990-11-12), pages 232-241, XP0100019944, ISBN: 0-8181-2056-0 *the whole document*	
		DRISCOLL T A ET AL.: "Computational efficiency of a functional expansion algorithm for linear quadratic optimal control" Proceedings of the conference on decision and control. Tucson, Dec. 16, vol. VOL. 3 Conf. 31, 16 December 1992 (1992-12-16), pages 143-144, XP010108119	
		ISBN: 0-7803-0872-7 *the whole document*	
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Examine Signature		Date Considered	

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>&</sup>lt;sup>1</sup> Unique citation designation number. <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

